

AMENDMENT OF THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

Claims 1 through 6. (Canceled).

7. (Currently Amended) A key-changeable lock, ~~or sub-assembly therefore,~~
comprising ~~or including~~:

(a) a lock housing (9),

(b) a lock cylinder (2) able to rotate within the lock housing (9) about a rotational axis, said lock cylinder (2) including at least,

(i) a locking block (1) slidably mounted on a periphery of said locking cylinder (2), to be located in one of two working positions, in a first working position said locking block (1) extends from the lock cylinder (2) to engage the lock housing (9) preventing rotation of the lock cylinder (2) relative the lock housing (9) and in a second working position, the locking block (1) at least partially retracts into the lock cylinder (2) to allow said relative rotation,

(ii) at least one ~~blocking~~ toothed piece to move to selectively allow or block retraction of said locking block into said lock cylinder,

(iii) at least one toothed slide to move in said lock cylinder (2), transverse to said rotational axis, said toothed slide having an engaged and disengaged position with said at least one ~~blocking~~ toothed piece, said at least one ~~blocking~~ toothed piece moving in a fixed relationship with said at least one toothed slide when in said engaged position, and in a variable relationship when in said disengaged position,

(iv) a sliding block (6) adapted to move said at least one toothed slide between said engaged and disengaged positions, and

(v) a locking hole (11) provided on or in the lock cylinder (2) and into which a key (8) is inserted,

characterized in that insertion of a first key into a locking hole, moves said at least one toothed slide and in turn said at least one ~~blocking~~ toothed piece, in said

engaged position therewith, to allow retraction of said locking block into said lock cylinder and thus rotation of said lock cylinder, retraction of said at least one ~~blocking~~ piece-locking block into said lock cylinder,

- (i) prevents said ~~locking block~~ toothed piece from moving, and
 - (ii) moves said at least one toothed slide to said disengaged position via said sliding block, and removal of said first key and insertion of a second key moves said at least one toothed slide and varies the relation of said at least one toothed slide and said ~~blocking~~ toothed piece, due to said disengaged position,
- such that said second key now locks and unlocks said key changeable lock or subassembly therefore.

8. (Currently Amended) The key-changeable lock, ~~or sub-assembly therefore~~ as claimed in claim 7 wherein said first key is removed and said second key is inserted ~~with~~ when said lock cylinder is in a partially rotated condition.

9. (Currently Amended) The key changeable lock ~~or sub-assembly therefore~~ of claim 7 wherein said engagement of said toothed slide with said ~~blocking~~ toothed piece is via a toothed piece on said toothed slide engaging a toothed piece on said ~~blocking~~ toothed piece, there being more teeth on one than the other to allow said variable relationship.

10. (Currently Amended) The key changeable lock ~~or sub-assembly therefore~~ of claim 7 wherein said ~~blocking~~ toothed piece has a block groove thereon running parallel to said locking block, said ~~blocking~~ toothed piece, either side of said block groove, blocking retraction of said locking block, other than when said ~~blocking~~ toothed piece is moved to allow said locking block to retract into said blocking groove.

11. (Currently Amended) The key changeable lock ~~or sub-assembly therefore~~ of claim 7 wherein said locking block (1) is urged into said block groove, and is held in the block groove (15), by the profile of said lock housing about said lock cylinder, when said lock is unlocked.

12. (Currently Amended) The key changeable lock ~~or sub-assembly therefore~~ of claim 7 wherein said sliding block is moved by said locking block via pins extending between said locking block and said sliding block.

13. (Currently Amended) The key-changeable lock ~~or sub-assembly therefore~~ of claim 7, wherein springs (7) are provided between the sliding block (6) and the shell (12) to bias said sliding block and said toothed slide into said engaged position.

14. (Currently Amended) The key-changeable lock ~~or sub-assembly therefore~~ of claim 7, wherein a compression spring (5) is provided to bias said sliding block (6) and therefore said ~~blocking~~ toothed piece, when in said engaged condition, to block retraction of said locking block.

15. (Currently Amended) The key-changeable lock ~~or sub-assembly therefore~~ of claim 14, wherein said compression spring (5) is provided between the toothed slide (4) and the sliding block (6).

16. (Currently Amended) The key changeable lock ~~or sub-assembly therefore~~ of claim 7 wherein said sliding block and said toothed slide move parallel to one another.

17. (Currently Amended) The key-changeable lock ~~or sub-assembly therefore~~ of claim 7, wherein the sliding direction of the sliding block (6) is perpendicular to that of the ~~blocking~~ toothed piece (3).

18. (Currently Amended) The key changeable lock ~~or sub-assembly therefore~~ of claim 7 wherein first key will not unlock the lock when lock has been changed to lock and unlock with said second key.

19. (Currently Amended) The key changeable lock ~~or sub-assembly therefore~~ of claim 7 wherein the sliding direction of the locking block is parallel to that of the sliding block.

20. (Currently Amended) The key-changeable lock ~~or sub-assembly therefore~~ of claim 7, wherein a contactor (16) is fixed on the toothed slide (4) and located within the locking hole (11) to engage said key.

21. (Currently Amended) The key-changeable lock ~~or sub-assembly therefore~~ of claim 7, wherein a locking groove (17) is provided on the lock housing (9); when the locking block (1) is located at the first working position, the locking block (1) is received in the locking groove; and each side face of the locking groove (17) is provided with a guiding slant (18).

22. (Currently Amended) A key-changeable lock, comprising ~~or including~~:

a lock housing (9); and

a lock cylinder (2) provided within the lock housing (9), the lock cylinder (2) including a shell (12) for the lock cylinder, a locking hole (11) provided on the shell (12) and into which a key (8) is inserted, and a locking block (1) slidably mounted on the shell (12);

wherein a sliding block (6) is slidably provided in the shell (12), the locking block (1) is abutted against the sliding block (6), toothed slides (4) are slidably provided within the sliding block (6), and a ~~locking~~ toothed piece (3) provided with a block groove (15) is slidably disposed within the shell (12), and

wherein the locking block (1) is located at two working positions, and at a first working position, the locking block (1) is not held in the block groove (15) and extends from the lock cylinder (2) to engage the lock housing (9) to prevent rotation of the lock cylinder (2) relative the lock housing (9) and teeth of the ~~locking~~ toothed piece (3) engage with teeth of the toothed slide (4), and at a second working position, the locking block (1) is held in the block groove (15) and at least partially retracts into the lock cylinder (2) to allow relative rotation and the teeth of the ~~locking~~ toothed piece (3) disengage from those of the toothed slide (4).

23. (Previously Presented) The key-changeable lock of claim 22, wherein springs (7) are provided between the sliding block (6) and the shell (12).
24. (Currently Amended) The key-changeable lock of claim 22, wherein a compression spring (5) is provided between the toothed slide (4) and the sliding block (6).
25. (Currently Amended) The key-changeable lock of claim 22, wherein the sliding direction of the sliding block (6) is perpendicular to that of the ~~blocking~~ toothed piece (3).
26. (Currently Amended) The key-changeable lock of claim 22, wherein a contactor (16) is fixed on the toothed slide (4) and located within the locking hole (11).
27. (Previously Presented) The key-changeable lock of claim 22, wherein a locking groove (17) is provided on the lock housing (9); when the locking block (1) is located at the first working position, the locking block (1) is received in the locking groove; and each side face of the locking groove (17) is provided with a guiding slant (18).